

Notice of Allowability

Application No.

10/649,023

Applicant(s)

BLACKMON ET AL.

Examiner

Jessica L. Ward

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Interview Summary.
2. ☒ The allowed claim(s) is/are 1,3-7,9-15 and 17-19.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20070730.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Elchuk on 7/30/07.

2. The application has been amended as follows:

Claim 1, line 5: --first-- was inserted after "applying a".

Claim 1, line 5: --first-- was inserted after "curing the".

Claim 1, line 7: --directly-- was inserted after "securing a reinforcing structure".

Claim 1, line 8: --second-- was inserted before "resin in a liquid state".

Claim 3, line 1: "2" was deleted and replaced by --1--.

Claim 3, line 4: --first-- was inserted after "curing the".

Claim 4, line 3: --first-- was inserted before "resin".

Claim 5, line 1: --first-- was inserted before "resin".

Claim 8: cancelled.

Claim 9, line 1: "8" was deleted and replaced by --1--.

Claim 9, line 1: --first-- was inserted before "resin".

Claim 11, line 4: --first-- was inserted before "resin".

Claim 11, line 4: "to form a rigid interlayer" was deleted.

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Claim 11, line 4.5: --curing the first resin to form a rigid interlayer, the first resin shrinking as it cures to apply a compressive force to the rear surface;-- was inserted.

Claim 11, line 7: --directly-- was inserted after "securing a reinforcing structure".

Claim 11, line 8: --second-- was inserted before "resin in a liquid state".

Claim 11, line 9: --second-- was inserted before "resin".

Claim 11, line 9: "the rigid interlayer and" was deleted.

Claim 11, lines 11-12: ", and the resin shrinking as it cures to apply a compressive force to the rear surface" was deleted.

Claim 15, line 1: --first-- was inserted before "resin".

Claim 19, line 8: --first-- was inserted before "resin".

Claim 19, line 9: "to form a rigid interlayer" was deleted.

Claim 19, line 9.5: --curing the first resin to form a rigid interlayer, the first resin shrinking as it cures and applying a compressive force to the surface of the glass member opposite the light reflecting surface, the compressive force having a magnitude such that the entire cross-sectional thickness of the glass member is maintained in a state of compression;" was inserted.

Claim 19, line 10: --second-- was inserted before "resin".

Claim 19, line 12: --directly-- was inserted after "securing the reinforcing structure".

Claim 19, line 16: --second-- was inserted before "resin".

Claim 19, lines 18-22: ", and said resin shrinking as it cures and applying a compressive force to the surface of the glass member opposite the light reflecting surface, the compressive

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force having a magnitude such that the entire cross-sectional thickness of the glass member is maintained in a state of compression” was deleted.

3. The following is an examiner’s statement of reasons for allowance:

The prior art fails to teach or suggest forming a rigid interlayer on the surface of a glass member or mirror by applying a first resin to the surface and curing the first resin such that the rigid interlayer applies a compressive force to the surface and securing a reinforcing structure directly to/on the rigid interlayer, where the reinforcing structure is formed by applying a second resin in a liquid state to a reinforcing member.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jessica L. Ward whose telephone number is 571-272-1223. The examiner can normally be reached on Mon-Fri between 9AM and 6:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Richard D. Crispino can be reached on 571-272-1226. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Jessica L. Ward
Primary Examiner
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